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In response to the Official Action mailed August 29,
2006, please amend the claims to read as follows:

- 1 1. (currently amended) A system for broadcasting short range
2 RF real-time information to motor vehicles traveling along a
3 roadway comprising:
4 a sequence of transceiving short range broadcast
5 stations at fixed positions along said highway, said
6 stations spaced so that the broadcast ranges of said
7 stations tangentially overlap each other;
8 a sequence of motor vehicles moving along said roadway,
9 each vehicle including a transceiver for said short range RF
10 signals;
11 means in each of said motor vehicles with said
12 transceivers for transmitting data specific to said
13 transmitting motor vehicle; and
14 means in said broadcast stations, receiving said data
15 specific to said motor vehicle, for broadcasting said data
16 specific to said transmitting motor vehicle to all of said
17 motor vehicle transceivers within the broadcasting range of
18 said broadcasting stations.
- 1 2. (original) The short range RF broadcasting system to
2 motor vehicles of claim 1 wherein said short range frequency
3 is in the range of 824-892 Mhz.
- 1 3. (original) The short range RF broadcasting system to
2 motor vehicles of claim 2 wherein:
3 said broadcast stations are cellular broadcast towers
4 spaced on said roadway; and
5 said transceivers in said motor vehicles are cellular
6 telephones.

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1 4. (original) The short range RF broadcasting system to
2 motor vehicles of claim 1 further including:
3 means associated with each of the broadcast stations
4 for providing information zones along said roadway
5 respectively defined by the broadcast range of the closest
6 broadcast station, and
7 said means for broadcasting in each zone include means
8 for broadcasting information of particular interest to all
9 motor vehicles in each zone.

1 5. (original) The short range RF broadcasting system to
2 motor vehicles of claim 4 wherein said broadcast information
3 is of particular interest to all motor vehicles in each
4 zone, includes said data specific to a transmitting vehicle
5 in the respective zone.

1 6. (original) The short range RF broadcasting system to
2 motor vehicles of claim 5 wherein said broadcast information
3 relates to a breakdown of the transmitting vehicle.

1 7. (original) The short range RF broadcasting system to
2 motor vehicles of claim 5 wherein said broadcast information
3 relates to road hazards in the respective zone as noted by
4 the transmitting vehicle.

1 8. (original) The short range RF broadcasting system to
2 motor vehicles of claim 5 wherein said broadcast information
3 relates to traffic conditions in the respective zone as
4 noted by the transmitting vehicle.

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1 9. (original) The short range RF broadcasting system to
2 motor vehicles of claim 5 wherein said broadcast information
3 relates to traffic conditions in zones other than the
4 broadcast zone as noted by a transmitting vehicle.

1 10. (original) The short range RF broadcasting system to
2 motor vehicles of claim 1 further including display means in
3 each of said motor vehicles associated with said
4 transceivers for displaying received broadcast data.

1 11. (currently amended) In a system for broadcasting short
2 range RF real-time information to motor vehicles traveling
3 along a roadway comprising a sequence of transceiving short
4 range broadcast stations at fixed positions along said
5 highway, said stations spaced so that the broadcast ranges
6 of said stations tangentially overlap each other[:], a short
7 range RF broadcasting method comprising:
8 moving a sequence of motor vehicles along said roadway,
9 each vehicle including a transceiver for said short range RF
10 signals;
11 enabling the transmission from each of said motor
12 vehicles with said transceivers of data specific to said
13 transmitting motor vehicle; and
14 enabling each of said broadcast stations, receiving
15 said data specific to said motor vehicle, to broadcast said
16 data specific to said transmitting motor vehicle to all of
17 said motor vehicle transceivers within the broadcasting
18 range of said broadcasting stations.

1 12. (original) The short range RF broadcasting method to
2 motor vehicles of claim 11 wherein said short range
3 frequency is in the range of 824-892 Mhz.

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1 13. (original) The short range RF broadcasting method to
2 motor vehicles of claim 12 wherein:
3 said broadcasts are cellular communications; and
4 said transceivers in said motor vehicles are cellular
5 telephones.

1 14. (original) The short range RF broadcasting method to
2 motor vehicles of claim 11 further including the steps of:
3 providing information zones along said roadway
4 respectively associated with each of the broadcast stations,
5 each of said zones defined by the broadcast range of the
6 closest broadcast station, and
7 broadcasting information of particular interest to all
8 motor vehicles in each zone.

1 15. (original) The short range RF broadcasting method to
2 motor vehicles of claim 14 wherein said broadcast
3 information is of particular interest to all motor vehicles
4 in each zone and includes said data specific to a
5 transmitting vehicle in a the respective zone.

1 16. (original) The short range RF broadcasting method to
2 motor vehicles of claim 15 wherein said broadcast
3 information relates to a breakdown of the transmitting
4 vehicle.

1 17. (original) The short range RF broadcasting method to
2 motor vehicles of claim 15 wherein said broadcast
3 information relates to road hazards in the respective zone
4 as noted by the transmitting vehicle.

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1 18. (original) The short range RF broadcasting method to
2 motor vehicles of claim 15 wherein said broadcast
3 information relates to traffic conditions in the respective
4 zone as noted by the transmitting vehicle.

1 19. (original) The short range RF broadcasting method to
2 motor vehicles of claim 15 wherein said broadcast
3 information relates to traffic conditions in zones other
4 than the broadcast zone as noted by a transmitting vehicle.

1 20. (original) The short range RF broadcasting method to
2 motor vehicles of claim 11 further including the step of
3 displaying received broadcast data in association with said
4 transceivers in each motor vehicle.

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